

MERRIMACK STATION NPDES PERMIT ISSUES

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Facility Background

- Merrimack Station owned by Public Service Company of New Hampshire (PSNH)
 - PSNH owned by Northeast Utilities
- Burns coal
- Generates ~478 MW from two primary units
 - Unit 1: ~120 MW; commenced operations in 1960
- Unit 2: ~ 350 MW; commenced operation in 1968
- New Hampshire not de-regulated
 - PSNH still recovers costs through customer rates, as approved by NH PUC
- From 2006-2009: Unit 1 ran 89% of time; Unit 2 ran 77% of time
- Overall decreased capacity utilization since 2011 due to cheap natural gas

State of New Hampshire



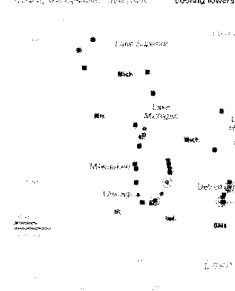
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Power plants a double threat to fish

Flower plants a double threat to non

Great Lakes power plants in the United States

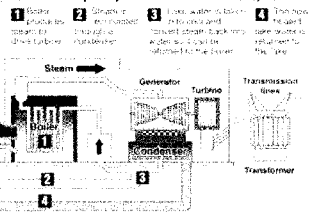
■ Nuclear (10) ■ Coal-fired (38) ○ Plants with cooling towers

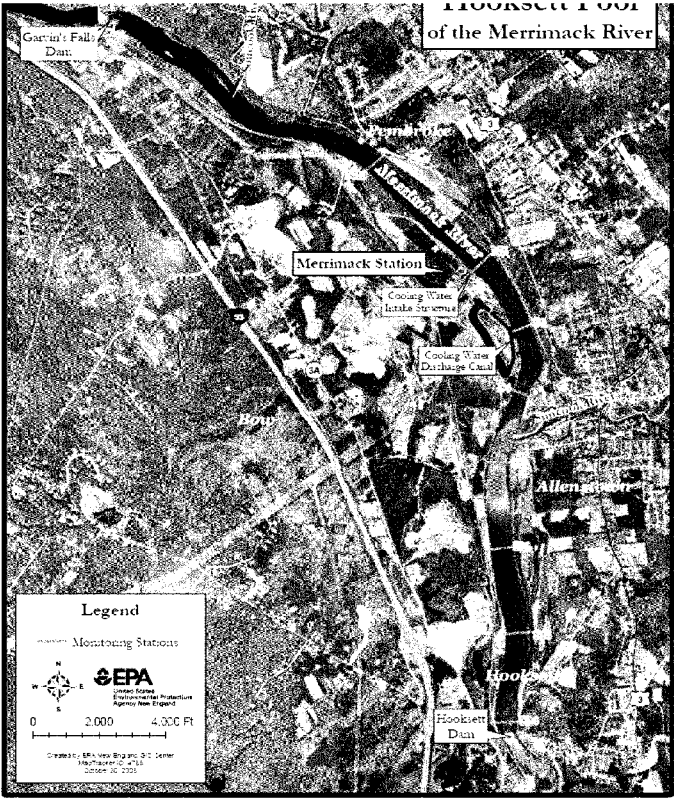


Aerial view of a plant

The Bay Area Power Project, located in Geauga, Ohio, was one of the first large-scale cogeneration plants in the United States.

How coal-fired power plants near the Great Lakes operate







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